



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR <u>E. W. Stallings / Western engineering</u>		DATE <u>September 16, 1989</u>	
ADDRESS <u>Route 1, Highway 58</u>	CITY <u>Belton</u>	STATE <u>MO</u>	ZIP CODE <u>64012</u>
DESCRIPTION OF WELL AND LEASE			
NAME OF LEASE <u>Belton Unit</u>	WELL NUMBER <u>AD-15-A</u>	ELEVATION (GROUND) <u>1060.8</u>	
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE) <u>1200</u> FT. FROM (N) SECTION LINE <u>1840</u> FEET FROM (S) (W) SECTION LINE			
WELL LOCATION	SECTION <u>9</u>	TOWNSHIP <u>46N</u>	RANGE <u>33W</u>
			COUNTY <u>Cass</u>
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE <u>1400</u> FEET			
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE <u>100</u> FEET			
PROPOSED DEPTH <u>700'</u>	DRILLING CONTRACTOR, NAME AND ADDRESS <u>Rotary</u>	ROTARY OR CABLE TOOLS	APPROX. DATE WORK WILL START <u>OCT 1, 1989</u>
NUMBER OF ACRES IN LEASE <u>517.21</u>	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <u>16</u>		
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME <u>Marathon Oil Co.</u> ADDRESS <u>Tulsa, OK</u>			NO. OF WELLS: PRODUCING <u>16</u> INJECTION <u>3</u> INACTIVE <u>3</u> ABANDONED <u>3</u>
STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <u>20,000</u>	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCTION AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

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PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED	
AMOUNT	SIZE	WT/FT	CEM	AMOUNT	SIZE
<u>550'</u>	<u>4 1/2"</u>	<u>10.5#</u>	<u>surface</u>		
<u>(Open Hole through producing zone)</u>					

MO Oil & Gas Council
Economic Geology

I, the undersigned, state that I am the petroleum engineer of the E. W. Stallings (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE <u>[Signature]</u>	DATE <u>9-18-89</u>
PERMIT NUMBER <u>20510</u>	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT
APPROVAL DATE <u>9-18-89</u>	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN

NOTE: THIS PERMIT IS NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, Scott A. Evans of the Evans Energy Development, Inc. Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

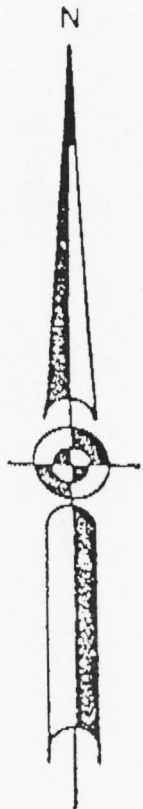
DRILLER'S SIGNATURE <u>[Signature]</u>	DATE <u>Sept. 13, 1989</u>
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WELL LOCATION PLAT

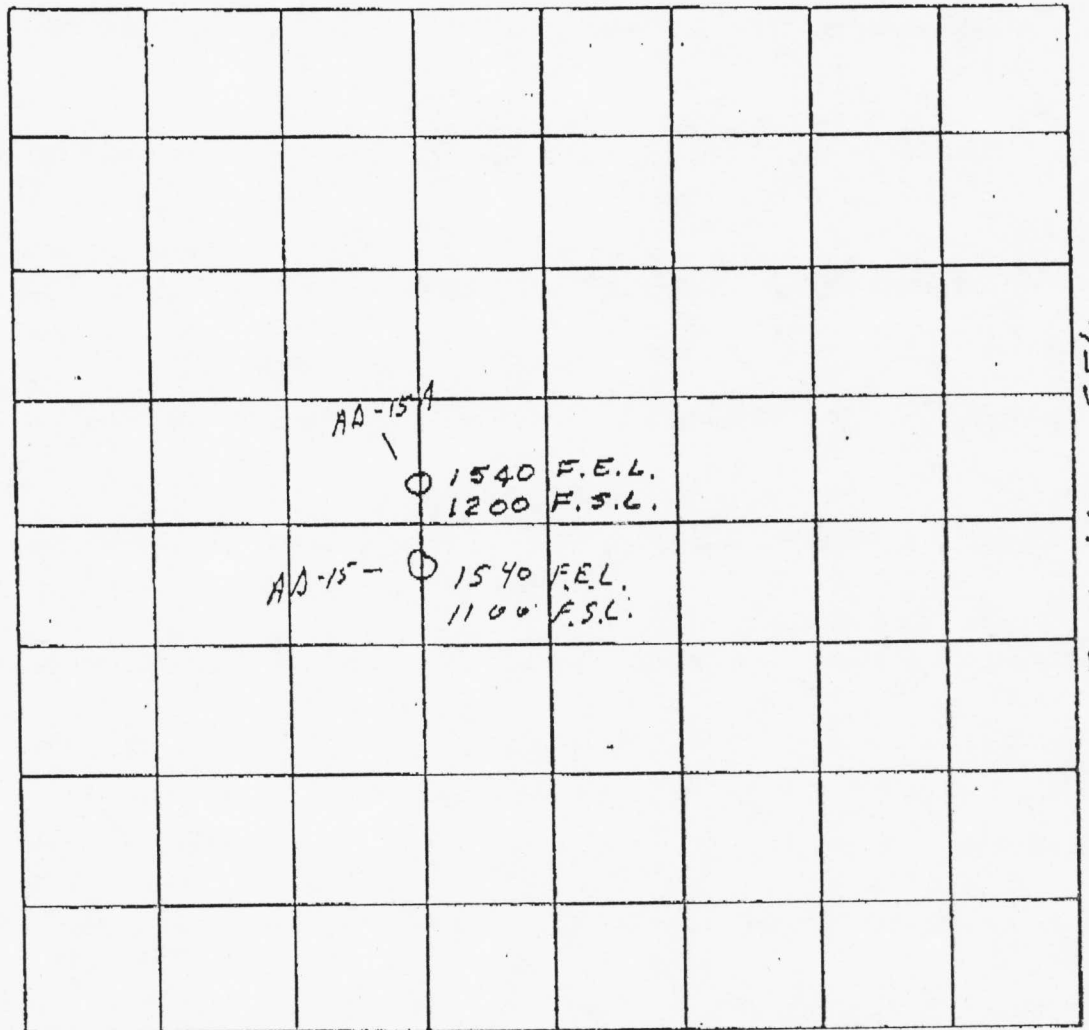
Owner: E.W. STALLINGS / WESTERN ENGINEERING INC.

Lease Name: Abbey-Dunlap, Belton Unit County: Cass

_____ feet from _____ section line and _____ feet from _____ section line of Sec. 9, Twp. 46 N., Range 33
(N)-(S) (E)-(W)



SCALE
1" =



REMARKS:

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have examined _____ and accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

SEP 18 1989

LS-1760

LARRY G. KNUDSEN

REGISTERED

LAND SURVEYOR

1760

Number

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, MO 65401

One will be returned.

Larry G. Knudsen
Registered Land Surveyor



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER <i>WESTERN ENGINEERING</i>		ADDRESS <i>Rt 1 Highway 58 Belton MO</i>	
LEASE NAME <i>Belton Unit</i>		WELL NUMBER <i>AD 15A</i>	
LOCATION <i>1200 FSL 1540 FEL</i>		SEC. TWP. AND RANGE OR BLOCK AND SURVEY <i>9 46 N 33 W</i>	
COUNTY <i>CASS</i>	PERMIT NUMBER (OGC-3 OR OGC-31) <i>20510</i>		
DATE SPUDDED <i>Nov 10/89</i>	DATE TOTAL DEPTH REACHED <i>Nov 14/89</i>	DATE COMPLETED READY TO PRODUCE OR INJECT <i>Nov 14/89</i>	ELEVATION (DF, RKR, RT, OR GR.) FEET <i>1060.8</i>
TOTAL DEPTH <i>667'</i>	PLUG BACK TOTAL DEPTH <i>667'</i>	ELEVATION OF CASING HD. FLANGE FEET <i>1062</i>	
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION <i>454' - 667'</i>		ROTARY TOOLS USED (INTERVAL) <i>0 TO 667</i>	CABLE TOOLS USED (INTERVAL) <i>—</i>
DRILLING FLUID USED <i>AIR</i>	WAS THIS WELL DIRECTIONALLY DRILLED? <i>NO</i>		DATE FILED <i>—</i>
WAS DIRECTIONAL SURVEY MADE? <i>NO</i>			DATE FILED <i>—</i>
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) <i>—</i>			DATE FILED <i>—</i>

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	8 3/4	7"		23'	5	—
Production	6 1/4	4 1/2	10 1/2	454	67	—

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 3/8 IN.	533 FEET	— FEET	— INCH	— FEET	— FEET	—	— FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
NA				

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION <i>JAN 16/1990</i>		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP. <i>Pumping w/ 4' 1 1/2" insert 851 Pump</i>				
DATE OF TEST <i>JAN 18</i>	HOURS TESTED <i>24</i>	CHOKE SIZE <i>NA</i>	OIL PRODUCED DURING TEST <i>3</i> bbls.	GAS PRODUCED DURING TEST <i>NA</i> MCF	WATER PRODUCED DURING TEST <i>3</i> bbls.	OIL GRAVITY <i>26</i> API (CORR.)
TUBING PRESSURE <i>NA</i>	CASING PRESSURE <i>NA</i>	CAL'ED RATE OF PRODUCTION PER 24 HOURS <i>3 bbls</i>		OIL <i>3</i> bbls.	GAS <i>—</i> MCF	WATER <i>3</i> bbls.

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

Vented

METHOD OF DISPOSAL OF MUD PIT CONTENTS

The water and oil were pumped out and separated before disposal

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Geologist OF THE Western Engineering COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE *JAN. 23, 1990* SIGNATURE *Jeff Taylor*

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DRILLING TIME REPORT

COMPANY: Western Engineering

LEASE: Abbey Dn/Sp

NO. AD 15 A

TYPE OF INDICATOR _____

WEIGHT ON DRILL PIPE _____

R.P.M. ROTARY TABLE 40

DATE Nov 13/14/89 A.M.
OR
P.M.

COUNTY: CASS

TWP. 46N SEC. 9 RANGE 33E

TYPE OF RIG Rotary

MUD WEIGHT AIR / Polymer

MUD VISCOSITY: _____

CONTRACTOR Rare Drilling

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
0	2 1/2				Surface	
	8				Clay	
	30 1/2				Lime	
	48 1/2				shale	
	61				Lime	
	85				shale	
	92				Lime	
	102				shale	
	106				Lime	
	141				shale	
	144				Lime	
	151				shale	
	154				Lime	
	164				shale	
	175				Lime	
	183				shale	
	205				Lime	
	209				shale - Mound City Coal	
	220.5				Lime	
	355				shale - Pleasanton	
	359				Lime	
	394				shale	
	401				Lime	
	407				shale	
	408				Lime	
	415				shale	
	421				Lime	
	443				Snd & shale HIGGINSVILLE LS	
	447 1/2				Lime Little OSAGE	
	451				shale Black Jack Creek	
	453				Lime Excello	
					Breezy Hill Lime	

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RECORD TIME TOUR IS CHANGED UNDER REMARKS.
ACTUAL DRILLING TIME IS TIME SPENT IN DRILLING THE DEPTH, SHUT DOWN TIME IS SPENT SHUT DOWN FOR REPAIRS, ROUND TRIPS, WATER, ETC. SHOW WHEN BIT IS CHANGED AND KIND OF NEW BIT. MENTION ROUND TRIPS IN REMARKS COLUMN. FILL OUT THIS FORM FROM TOP TO BOTTOM OF HOLE.

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Kraftbill 829 BOX 800
TULSA OK 74101
PRINTED IN U.S.A.

DRILLING TIME REPORT

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A.M.
OR
P.M.

COMPANY: _____

DATE _____ A.M. OR _____

LEASE: _____

TWP. _____ SEC. _____ RANGE _____

NO. AD 15 A CONT

TYPE OF RIG _____

TYPE OF INDICATOR _____

MUD WEIGHT _____

WEIGHT ON DRILL PIPE _____

MUD VISCOSITY: _____

R.P.M. ROTARY TABLE _____

CONTRACTOR _____

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
	545				SAND Squirrel	
	576				shale	
	601				sand	
	623				shale	
	625				lime	
	633				lime & shale	
	634.5				COAL Wier - Tebo	
	639.5				SD and shale	
	677 TD				SHALE	
					No Cores or Tests	

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